

TECHNICAL DATASHEET: Polyurethane Bumpers (Standard Durometer) HSB27

PRODUCT DESCRIPTION

Rounded dome shaped bumpers absorb impact and are ideal for preventing your application from skidding.

TYPICAL APPLICATIONS

- Hemispherical bumper feet are commonly used for sound dampening applications. The dome shaped bumpers work best for softening cabinet doors from slamming, reducing noise, and extending the life of the cabinets.
- Versatile round bumpers are found at the bottom of laptop computers to prevent sliding on any surface and smaller bumper profiles are used on the inside to protect the laptop screen and keyboard when closing it.
- Small round bumpers are used on standoffs for glass shelves.

PRODUCT FEATURES & BENEFITS

- Manufactured in the USA.
- Easy peel-off application, non-staining, non-skidding and non-marring.
- Superior abrasion resistance, vibration and shock dampening.
- Superb coefficient of friction and resistance to skidding, crack resistant and resilient.
- RoHS compliant.

| TECHNICAL DATA | VALUE | TEST METHOD / STANDARD |
|---|------------------|------------------------|
| MATERIAL/SUBSTRATE | Polyurethane | |
| DUROMETER/HARDNESS (SHORE A) | 60 - 70 | |
| TENSILE STRENGTH | 627 psi | |
| ELONGATION | 192% | |
| TEAR STRENGTH | 214 pli | |
| BASHORE REBOUND | 27% | |
| ABRASION RESISTANCE | Excellent | |
| ABRASION RESISTANCE G/1,000 CYCLES TABOR H18, 1KG | 0.016 | |
| QUV, 500 HOURS | Slight yellowing | |
| UL-94 HBF | Pass | |
| ROHS | Pass | |
| FLAME RETARDANT | Yes | |

NOTE: Tests were performed on hand mixed samples and the values are averaged.

Specifications are believed to be accurate at the time of publication and are subject to change without notice. It is the responsibility of the end-user to test and determine suitability of this material for a particular application. **REV. 0**